

(NY-2900/52).

Caprone Instead of Bronze, by B. A. Yampol'skiy,
RUSSIAN, per, Mashinostroitel', Dec 1960, p 35.

*JPRS 8107

USSR

Econ

9 Mar 61

(NY-2900/52).

Collaboration of an Institute and Plant, by Ye. A.
Bloshteyn, F. A. Nizov,

RUSSIAN, per, Mashinostroitel', Dec 1960, p 8X 42.

JPRS 9107

USSR

Econ

9 Mar 61

(NY-2900/59).

Small Parts Manufactured from Caprone, by G. A.
Khotmakher,

RUSSIAN, per, Mashinostroitel', Dec 1960, p 33.

*JPRS

USSR

Econ - Technological, Machine Building

5 May 61

(NY-2900/56)

New Soviet Machine Tool Models, by F. A. Pronin,
4 pp.

RUSSIAN, per, Mashinostroitel', No 1, 1961, pp 8-10.

JPRS 9260

Sci - Engt

Jun 61

156, 114

(NY-2900/56).

Public Design Bureaus in Operation, by A. Filyayev,
RUSSIAN, per, Mashinostroitel', Jan 1961, ~~XX~~ p 31.

*JPRS

USSR

Econ

30 Mar 61

(NY-2900/61)

250/30 Ton Single-Cam Trimming Press,

RUSSIAN, per, Mashinostroitel, Feb-Mar 1961, p 15.

*JPRS

USSR
Econ
8 May 61

(NY-2900/61)

PPP-2 Semiautomatic Pulsating Core-Blowing
Machine,

RUSSIAN, per, Mashinostroitel, Feb 1961, p 16.

*JPRS

USSR
Econ
3 May 61

Wide Possibilities for Welding, by N. N.
Krivenko.

RUSSEAN, per, Mashinostroitel', No 2, 1961,
p 96.

4

ERDL, Ft Belvoir
T-1422

Sci - Phys
Aug 61

164,347

(NY-2900/61)

Two Proposals to Plants Manufacturing Compressors,
by V. I. Avdeyev, D. P. Sherle,

RUSSIAN, per, Mashinostroitel, Feb 1961, p 46.

*JPRS

USSR
Econ
8 May 61

(NY-3000)

Needs of Agriculture for Tractors and Machines
4 pp.

RUSSIAN, per, Mashinostroitel', No 3,
1961, pp 1-2.

JPRS 11649

USSR
Econ
Dec 61

17P, 60P

(NY-2900/64)

New Production of the Gor'kiy Milling Machines Plant,
by P. I. Zhdankin,

RUSSIAN, per, Mashinostroitel', Mar 1961, pp 9-10.

*JPRS

USSR

Econ - Technological, Machine Building

31 May 61

(NY-2900/64)

Use of Reinforced Concrete in Machine Tool Building,
by G. Ya. Tomas,

RUSSIAN, per, Mashinostroitel, Mar 1961, p 11.

*JPRS

USSR
Econ - Technological, Machine Building
31 May 61

(BY-3000)
NY

New Automatic Devices, by V. Ya. Antropov. 3 12.

RUSSIAN, per, Mashinostroitel; Mar 1961. pp 19,
20.

JPRS 10823

USSE

Econ

115, 140

(NY-3000)

From the Speeches at the Third Plenum of the Central Committee of the Machine Building Workers Trade Union, 16 pp.

RUSSIAN, per, Mashinostroitel', No 4, 1961, pp 3-6.

JPRS 9387

16 ^S_X 000

EE
USSR

Econ

Ans 61

(NY-3000)

Intermittent-Action Conveyor for Trimming and
Cleaning Large Castings, by V. M. Bakhrushin,
4 pp.

RUSSIAN, per, Mashinostroitel', No 4, 1961,
pp 12, 13.

JPRS 9887

164,993

USSR

Econ

Aug 61

(NY-3000)

Machines are Replacing the Labor of Leaders;
by V. I. Zil'berberg, 10 pp.

RUSSIAN, per, Mashinostroitel', Jun 1961,
pp 6-9.

JPRS 10023

166, 355

USSR

Econ

Sep 61

S-774/61

The Primary Accounting Has Been Mechanized,
by S. P. Golikov, (DC-6424)

RUSSIAN, per, Mashinostroitel', No 6, 1961,
p 9.

*JPRS

USSR
Econ - Technological
16 Nov 61

S-774/61

Organizing the Labor in Automatic Production
Lines, by V. I. Korotkov, (DC-6424)

RUSSIAN, per, Mashinostroitel', No 6, 1961,
p 36.

*JPRS

USSR

Econ - Technologicall
16 Nov 61

(15-0428)

Research in Economics of the Scientific and
Technological Society of the Machine-Building Industry (USSR)
(Minutes of the All-Union Conference of the
Central, USSR Republic, Kray and Oblast Branches
of the VVO Mashprom 22 on Economics), by N. A.
Kopeliovich, 4 pp.

RUSSIAN, per, Mashinostroitel, No 6, 1960,
p. 57.

JPRS 110479

174. 2. 60

USSR

(NY-3000)

For the Mass Production of the Means of Automatic
Control, by D. D. Malyy, 11 pp.

RUSSIAN, per, Mashinostroitel', No 6,
1951, pp 42-45.

JPRS 12518

173,535

USSR

Econ

(NY-3000)

The 1961 Program of the Gor'kiy Automobile Plant, by I. I. Kisilev, 3 pp.

RUSSIAN, per, Mashinostroitel', No 7, 1961, pp. 1-2.

JPRS 11849

USSR
Econ
Jan 62

178, 185

(NY-3000)

The Minsk Bearing Plant, by V. S.
Zharikov, 3 pp.

RUSSIAN, per, Mashinostroitel',
No 7, 1961, pp 5-6.

JPRS 11849

USSR
Econ
Jan 62

178,186

Successes of the Taganrog combine plant, May 1957, 10 EP.

RUSSIAN, ppr, Mashinostroitel, No 8, 1957.
p 3.

AFPS 10816

175, 159

USSR

Econ

(NY-3000)

News from the Minsk Motor Vehicle Plant,
by I. M. Demin, 7 pp.

RUSSIAN, per, Mashinostroitel', No 9,
1961, pp 6, 7.

JPRS 13706

USSR
Econ
May 62

196,993

(NY-3000)

A New Conveyor Installation, by Ye.
S. Zolotukhin, 5 pp.

RUSSIAN, per, Mashinostroitel', No 9,
1961, pp 26-27.

JPRS 13117

USSR
Econ
Nov 62

189,314

New Milling Machines for the Processing of Aluminum
and Light Alloys, by S. F. Kozlov, 2 pp

RUSSIAN, per. Mashinostroitel, No 9, 1961, p 35.

9675771

*FTD-TT-62-4
6

Jan 62

Sci - Engr

USSR - Econ

Experimental Determination of Stresses in Free-
Whirling Roller Mechanisms, by V. F. Maltsev, 12 pp.

RUSSIAN, per, Mashin, No 9, 1961, pp 39-43.

Navy Tr 3137/ONI 901

Sci - Engr

Jun 62

199, 421

(NY-3000)

Automated Production Requires Qualitatively
Higher Worker Skills, by N. A. Silant'yeva,
A. P. Stepanov, 6 pp.

ENUSSEAM, per, Mashinostroitel', No 9,
1961, pp 43-44.

JPRS 13117

USHR
Econ
Mar 62

189, 315

(NY-3000)

Industrial Television Equipment, by
V. I. Zubov, 3 pp.

RUSSIAN, per, Mashinostroitel', Sep 1961,
pp 45-46.

SPRS 12792
SPRS 11693

USSR
Econ
Jan 62

178, 301

(NY--3000)

Shortcomings of Production Equipment, by V. L.
Mikhaylov, 6 pp.

RUSSIAN, per, Mashinostroitel', Dec 61, p 33.

JPRS 12532

183,983

USSR
Econ
Mar 62

(NY-3000)

Modernization of Metalcutting Equipment,
by M. A. Anisimova, G. D. Pekelis, 4 pp.

RUSSIAN, per
p 13. Mashinostroitel', Jan 62,

JPRES 13424

190,923

USSR

Icon

Apr 62

(NY-3000)

Open-Loop System of Numerical Control
of Machine Tools, by V. A. Ratairov,
5 pp.

RUSSIAN, per, Mashinostroitel', Feb
1962, pp 16, 17.

JPRS 13571

RUBER

Recon

Sci - Engr

Jan 62

197, 909

(SF-2253)

BASIC DIRECTIONS OF TECHNICAL PROGRAMS
XXXX MACHINE BUILDING, 6 PP.

RUSSIAN, PER MASHINOSTROITEL', 1961, 1-2.
PP XX 1-3.

JPRS 14410

202,411

USSR

ECON

SCI - ENGR

JUL 62

202,411

202,411

MECHANIZATION OF LIFTING-TRANSPORT OPERATIONS IN
ASSEMBLY PROCESS, BY A. B. DRANNIKOV, 8 PP.

RUSSIAN, PER, MASHINOSTROITEL', NO 3, 1962, PP 17-20.

JPRS 15536

USSR
ECON
OCT 62

212,832

(SF-1830)

DECISIONS OF THE SCIENTIFIC-ENGINEERING CONFERENCE
IN ACTION, BY S. S. ZASLAVSKIY, 3 PP.

RUSSIAN, PER, MASHINOSTROITEL', NO 5, 1962,
PP 24, 25.

JPRS 14638

USR
ECON
JUL 62

205,666

Logic and Pneumatics, by V. P. Zanchenko, 10 pp.

RUSSIAN, per, Mashinostroitel", No 6, 1962,
pp 12-13.

JPRS 15002

Sci - Electronics, Machines

Oct 62

~~215,743~~
215,743

GEAR ROLLING, BY A. M. EPEL'ITSVEYG, 8 PP.

RUSSIAN, PER, MASHINOSTROITEL', NO 8, 1962,
PP 42-44.

JPRS 15921

SCI - ENGR

NOV 62

216,277

Use of Plastics Against Corrosion, by A. I.
Zhidashkin, 4 pp.

RUSSIAN, per, Mashinostroitel', No 8 9,
1962, pp 39-40.

JPRS 16556

USSR
Econ
Dec 62

NEW POLYMERS AND THEIR USE IN MACHINE BUILDING,
BY V. UKHINOV, 5 PP.

RUSSIAN, PER, MASHINOSTROITEL', NO 9, 1962,
PP 40-41.

JPRS 16556

USSR
ECON
DEC 62

217,303

MODERN GRINDING MACHINES AND NEW GRINDING
METHODS, BY G. B. LUR'YE, 6 PP.

RUSSIAN, PER, MASHINOSTROITEL', NO 11,
NOV 1962, PP 42-44.

JPRS 17204

USSR

ECON

SCI - ENGR

JAN 63

220,149

VARIOUS NEW ELECTRICAL MACHINES AND EQUIPMENT
EXHIBITED AT EXHIBITION OF ACHIEVEMENTS OF NATIONAL
ECONOMY USSR IN 1962, BY A. F. BERZIN, 8 PP.

RUSSIAN, PER, MASHINOSTROITEL', NO 5, 1963,
PP 45-48.

JPRS 20494

USSR
ECON
AUG 63

238,465

ANALOG SYSTEM OF PROGRAM CONTROL OF DRILLING
MACHINES, BY V. A. GUSEVA, V. P. ZOTOV, ET AL, O PP
RUSSIAN, PER, MASHINOSTROITEL', NO 7, 1963, PP 6-8.

JPRS 21249

USSR
ECON
OCT 63

344,495

PROMOTION OF LARGE-SCALE CHEMICAL CONSTRUCTION
XPROJECTS, 7 PP.

RUSSIAN, PER, MASHINOSTROITEL', NO 8, 1963, PP 3-4.

JPRS 21814

USSR
ECON
NOV 63

242,088

New Machine Tools at the Odessa Plant Imeni S. M. Kirov,
by ~~X~~ Kh. L. Shikhel'man, 8 pp.

RUSSIAN, per, Mashinostroitel', No 8, 1953, pp 9-11.

JPRS 22231

USSR
Econ
Dec 63

243,628

Urgent Problems of the Development of Repair Services,
by Yu. S. Borisov, 8 pp.

RUSSIAN, per, Mashinostroitel', No 9, 1963, pp 10-12.

JPRS 22104

USSR
Econ
Dec 63

243,641

**Diamond Wheels for Grinding Hard-Alloy Tools, by V. N. Bakul,
I. P. Zakharenko, 6 pp.**

RUSSIAN, per, Mashin, No 10, 1963, pp 15, 16.

JPRS 22755

**USSR
Econ
Jan 64**

247, 084

Equipment Utilization in Machine-Building Plants, by
V. Spirkin, 6 pp.

RUSSIAN, per, Mashinostroitel', No. 10, 1963, pp 32-33.

JPRS 22503

USSR
Econ
Jan 63

245, 431

CSO: 1830/64

Soviet Metalworking Equipment. (AP)
RUSSIAN, per, Mashinostroitel', No 5, Sep, Oct
1964, pp 3, 4; 16-20; 21-25.

*JPRS

Sci - Eng
Dec 64

New Technology in Investment Casting,
by A. S. Lakeyev, 6 pp.
RUSSIAN, per, Mashinos', No 6, Nov, Dec 1963,
pp 37-40.
JPRS 25172

Sci - M/M
Jun 64

262,028

Electron Beam Welding in Industry,
by N. N. Leont'yev, O. K. Nazarenko, 8 pp.
RUSSIAN, per, Mashinos, No 6, Nov, Dec 1963,
pp 48-52.
JPRS 25171

Sci - M/M
Jun 64

262,029

Polymides-Structural Materials for
Machine Building, by V. I. Vadachkoriya,
Yu. I. Lopatin, 11 pp.
RUSSIAN, per, Mashinostroitel, No 7,
1964, pp 38-41. 9698680
FT-IT-65-913

Sci-M/N
Nov 65

291,470

Mechanized and Automatic Instruments for
Checking Gear Wheels, by S. S. Kartsev.
RUSSIAN, per, Mashinostroeniye, 1962,
Vol 3, pp 47-55.
NLL RPS 2479 (On Loan or Purchase)

Aug 65

288,790

THE PROPERTIES AND USE OF METALOCERAMIC PRODUCTS
IN MACHINE BUILDING, BY YU. F. MOROZOV, V. A.
DYMCHENKO, 19 PP.

RUSSIAN, PER, MASHINOSTROYENIYE, NO 1, JAN/FEB 1962,
PP 3-8.

JPRS 15370

SCI - ENGR

OCT 62

212,154

THE ALL-UNION SCIENTIFIC TECHNICAL CONFERENCE ON
GEAR TRANSMISSIONS, BY K. I. ZABLONSKIY, 7 PP.

RUSSIAN, PER, MASHINOSTROYENIYE, NO 1, JAN/FEB 1962,
PP 111-113.

JPRS 15509

USSR
ECON
OCT 62

212,862

NEW MACHINE TOOLS DESIGNED BY SKB-3, BY A. A.
MAKAROV, L. S. AKHMECHET, 6 PP. .

RUSSIAN, PER, MASHINOSTROYANIYE, NO 1, JAN/FEB 1962,
PP 887-89.

JPRS 15509

USSR
ECON
OCT 62

212,863

Present State and Future Development Prospects
for Automation and Mechanization of Gear
Inspection, by N. N. Markov.

RUSSIAN, per, Mashinostroyeniye, No 3, 1962,
pp 56-60.

NLL RTS 2480
(loan copy)

Jul 64

OTS TT-64-13734

S-39/63

New Methods for the Lining of Metal Pipes With
Plastic, by A. A. Shturman. (SF-2469) *YAP*

RUSSIAN, per, Mashinostroyeniye, No 3, 1962,
pp 79-81.

~~UPRS~~

17468

Sci - M/M

15 Jan 63

EFFECT OF CUTTING PARAMETERS ON THE QUALITY OF
THE MACHINED SURFACE OF POROUS POWDER METAL
MATERIALS, BY A. YA. ARTAMONOV, 8 PP.

RUSSIAN, PER, MASHINOSTROYENIYE, NO 5, SEP-OCT
1962, PP 32-35.

JPRS16854

SCI M/M
SCI - ENGR
JAN 63

218,692

Soldering of Aluminum to Steel, by V. R.
Ryabov, 3 pp.
RUSSIAN, per, Itzhinstroveniy, No 6, 1962,
pp 53-56.
JPRS 23946

Sci-Mat & Met
Mar 65

276,090

The Phosphatization of Austenitic Steels,
by B. S. Mikhailitsina.

RUSSIAN, per, Mashinostroyeniye, No 8,
1962, pp 354

MLL Ref: 5828.4 1963 (5 335) (Loan)

Sci - M/M
Aug 63

343,395

NEW INSTRUMENTS FOR NON-DESTRUCTIVE CONTROL METHODS,
BY S. M. SKORODZIYEVSKIY, 5 PP.

RUSSIAN, PER, MASHINOSTROYENIYE, NO 1, 1963,
PP 57-60.

JPRS 19864

USSR
ECON
JUL 63

235,132

XXXXXXXXXXXXXXXXXXXX

TYPICAL CASTING SHOP, BY L. G. FRUMIN, 9 PP.

RUSSIAN, PER, MASHINOSTROYENIYE, NO 2 (20),
MAR, APR 1963, PP 30-32.

JPRS 22342

SCI-MAT & MET
DEC 63

244,343

SUGAR-BEET PRECISION PLANTERS, BY YA. I. SLUTSKER,
B. F. KUZNETSOV, 5 PP.

RUSSIAN, PER, MASHINOSTROYENIYE, KIEV, NO 3,
1963, PP 96-98.

JPRS 20173

USSR
ECON
JUL 63

235,872

AEROSOL PULSATING UNIT AAP-0.5 "MIKRON" BY G. I.
KOLYADA, 5 PP.

RUSSIAN, PER, MASHINOSTROYENIYE, NO 4, JULY-AUG
1963, PP 102-104.

JPRS 2L784

SCI-BIOL & MED SCI
NOV, 63

24L,559

ELECTROSLAG RESMELTING TO BENEFIT MACHINE BUILDING,
BY B. I. MEDOVAR, 6 PP.

RUSSIAN, PER, MASHINOSTROYENIYE, NO 5, SEP, OCT 1963,
PP 78-88

JPRS 22285

SCI-MAT & MET
DEC 63

244,285

Electroslag Smelting for use in Machine Building,
by B. I. Medovar, Ye. O. Paton, 5 pp.
RUSSIAN, per, Mashinos, No 5, Sep-Oct 1963, pp 78-81.

JPRS 23739

S
USSR
Econ
Mar 64

252, 206

High Quality Equipment for Agriculture, by
V. F. Garbuzov, 7 pp.
RUSSIAN, per, Mashinost, No 5, Sep-Oct 1963, pp 95-98.

JPRS 23663

USSR
Econ
Mar 64

252, 270

Machine for Mechanized Water Supply and Watering
of Cattle, by A. N. Panchenko, 6 pp.
RUSSIAN, per, Mashinos, No 3, Sep-Oct, 1963, pp 107-
111.

JPRS 23063

USSR
Econ
Mar 64

252, 271

S-573/64

New Technology in Investment Casting, by
A. S. Lakeyev. (SF-3179)

RUSSIAN, per, Mashinostroyeniye, No 6, Nov, Dec
1963, pp 37-40.

*JPRS

Sci - M/M
May 64

8/573/64

Electron-Beam Welding in Industry, by
O. K. Nazarenko, N. N. Leont'yev, (SF-3179)

RUSSIAN, per, Mashinostroyeniye, No 6, Nov, Dec
1963, pp 48-52.

*MPRS

Sci - M/M
May 64

New Tractors, by I. N. Serebryakov, 8 ppS. Ye. Libtsis, et al,
8 pp.
RUSSIAN, per, Mashinostroyeniye, No 6, Nov-Dec 1963, pp
80-84.

JPRS 23537

USSR
Econ
Mar 64

251, 126

The Introduction of Group Technology in the
Enterprises of the Leningrad Economic Area,
by P. D. Khizhnyak, 5 pp.
RUSSIAN, per, Mashinos', No 1, 1964, pp 9, 10.
JPRS 24819

USSR
Econ
Jun 64

261,935

Enterprises of Moscow Sovnarkhoz Exhibit
New Products, by I. Korotkov, 12 pp.
RUSSIAN, per, Mashinos¹, No 2, 1964, pp 40-43.
JPRS 24819

USSR
Econ
Jun 64

261,939

New Developments in Investment Casting Technology,
by I. A. Parkov, V. A. Skazhennik, et al, 6 pp.
RUSSIAN, per, Mashinos, No 3, May, Jun 1964,
pp 36-38.
JPRS 26697

Sci - M/M
Dec 64

269,670

Correlation Between Fatigue Limit and Other
Mechanical Properties of Metals, by A. Buch.
RUSSIAN, per, Mashinostroeni, no 4, 1964,
pp 20-23.
*FTL TT-65-1045

Sci- 1/M
Jul 65

Small Scale Computer "Promin", by
V. I. Karpus, Yu. I. Kodzayev, 7 pp.
RUSSIAN, per, Mashinostroyeniye,
No 4, 1964, pp 54-57. 9097431
FTD-TT-6S-453

Sci-Hdoc
Jul 65

263,571

The Production of Soft-Magnetic Materials by
the Method of Powder Metallurgy, by
N. I. Litovchenko and G. G. Dobrovolskiy,
et al.
RUSSIAN, per, Mashinostroyeniye, No 4, 1964,
pp 68-69. P100003467
FTD-HT-66-320

Sci-Materials
Feb 67

318,948

Modernization of Gear Processing Machines,
by E.N. Perov, 6 pp.
RUSSIAN, per, Mashinos, No 5, 1964, pp12, 13.
JPRS 27104

USSR
Econ
Jan 65

270,688

The Use of Synthetic Diamonds at the
"Hammer and Sickle" Plant, by L. M. Karas'

8 pp

RUSSIAN, per, Mashinostroyeniye, No 5,
Sep-Oct 1964, pp 16-20.

JPRS 23985

USSR

Econ

Mar 65

276,427

Automatic Conveyer Line for the Manufacture
of Forged Sand Forms, by V. M. Krivosheyev
and I. F. Pol'shakov, 6 pp
RUSSIAN, per, Mashinostroyeniye, No 5,
Sep-Oct 1964, pp 21-23.
JPIS 23935

USAR
Econ
Mar 65

276,423

Automatic Conveyer Line for Cleaning
Castings, by V. N. Pomin, 5 pp
RUSSIAN, per, Mashinostroyeniye, No 5,
Sep-Oct 1964, pp 23-25.
JPRS 23935

USSR
Econ
Mar 65

276,429

Cast Austenitic Non-nickel Steel, by
N. P. Aleksandrova. 3 pp.
RUSSIAN, per, Mashinostroyeniye, No 5, 1964,
pp 35-36. 9700175
FTD-TT-65-1398

Sci/MED
May 66

299,479

Tool Production Development and Introduction of
Diamond Grinding in the Kiyevskiy Sovnarkhoz,
by G. E. Gaurit, 5 pp
RUSSIAN, per, Mashinostroyeniye, No 6, Nov-Dec 64,
pp 18-21.
JPRS 29342

USER
Econ
Apr 65

277,423

With Respect to the Nature of Plastic
Deformation at Supersonic Velocity on
Deformation, by KHR. Kortenski, IV. B"chvarov,
8 pp.

RUSSIAN, per, Mashinostroyeniye, No 12,
1964, pp 29-32. P100064066
FTD-TT-65-1877

Sci - Phys
Nov 66

312,907

Machine Production. Part 2. Materials Concerning
Machine Production. Chap II: Light Aluminum
and Magnesium Base Alloys, 177 pp. UNCLASSIFIED

Full translation.

RUSSIAN, Encyclopedical handbook, Mashinostroyeniye,
Vol VI, publ by State Scientific-Technical
Publications of Machine Production Literature.
Moscow, 1947.

AMC F-75-7776-RE

USSR Economic - Machine Production, Aluminum,
alloys
Oct 52 CTS/AMK CIA 864270

Machine Science, by S. P. Vrashev, A. L. Letnik,
A. M. Shifrin,

RUSSIAN, bk, Mashinovedeniye, 1959, 483 pp.

*ATIC

Sci - Eng

May 60

AFCIN-4B2A-IC-40835